

Title (en)  
LETTER DATA CONTROL

Publication  
**EP 0356104 A3 19921202 (EN)**

Application  
**EP 89308251 A 19890815**

Priority  
JP 20839788 A 19880824

Abstract (en)  
[origin: EP0356104A2] A plurality of letter output devices (workstations (102, 103, 104), printers (105)) are connected to a letter data control device (101) by a transmission path (106). The control device (101) stores letter data for transmission to the letter output devices (102, 103, 104, 105), and is able to convert that letter data to a desired layout (e.g. from a vector font to a dot font) and then transmits the converted letter data to one or more of the letter output devices (102, 103, 104, 105). The control device (101) is able to select part of its stored letter data for transmission so that only commonly used letter data need be transmitted during start up of the system. Since a large amount of letter data may be stored in the control device (101), and only part may be transmitted to the letter output devices (102, 103, 104, 105), those output devices (102, 103, 104, 105) can have a relatively small memory.

IPC 1-7  
**G06K 15/02**

IPC 8 full level  
**B41J 5/30** (2006.01); **G06F 3/12** (2006.01); **G06F 17/21** (2006.01); **G06K 15/00** (2006.01); **G09G 5/24** (2006.01)

CPC (source: EP US)  
**G06F 3/1297** (2013.01 - EP US)

Citation (search report)  
• [AP] WO 8806768 A1 19880907 - EASTMAN KODAK CO [US]  
• [A] EP 0220443 A2 19870506 - IBM [US]  
• [A] REVIEW OF THE ELECTRICAL COMMUNICATION LABORATORIES, vol. 33, no. 4, 1985, pages 725-730, Tokyo, JP; H. FUJIEDA et al.: "Font pattern loading method for kanji printers in the DIPS-106 network OS"  
• [AP] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 483 (E-839), 2nd November 1989; & JP-A-01 191 572 (FUJI PHOTO FILM CO.) 01-08-1989  
• [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 64 (M-672)26 February 1988; & JP-A-62 211 146 (CANON INC.) 17-09-1987

Cited by  
US5887990A; EP0554878A3; US5631637A; US5742746A; EP0854416A3; EP0683469A3; EP0387005A3; US5293477A; US5577184A; US6507407B1; US6738149B2; WO9119275A1

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0356104 A2 19900228; EP 0356104 A3 19921202; EP 0356104 B1 19961030**; DE 68927396 D1 19961205; DE 68927396 T2 19970515; JP 2714022 B2 19980216; JP H0258094 A 19900227; US 2001052901 A1 20011220; US 5444829 A 19950822; US 5600770 A 19970204

DOCDB simple family (application)  
**EP 89308251 A 19890815**; DE 68927396 T 19890815; JP 20839788 A 19880824; US 46084695 A 19950605; US 92353201 A 20010808; US 99762892 A 19921228